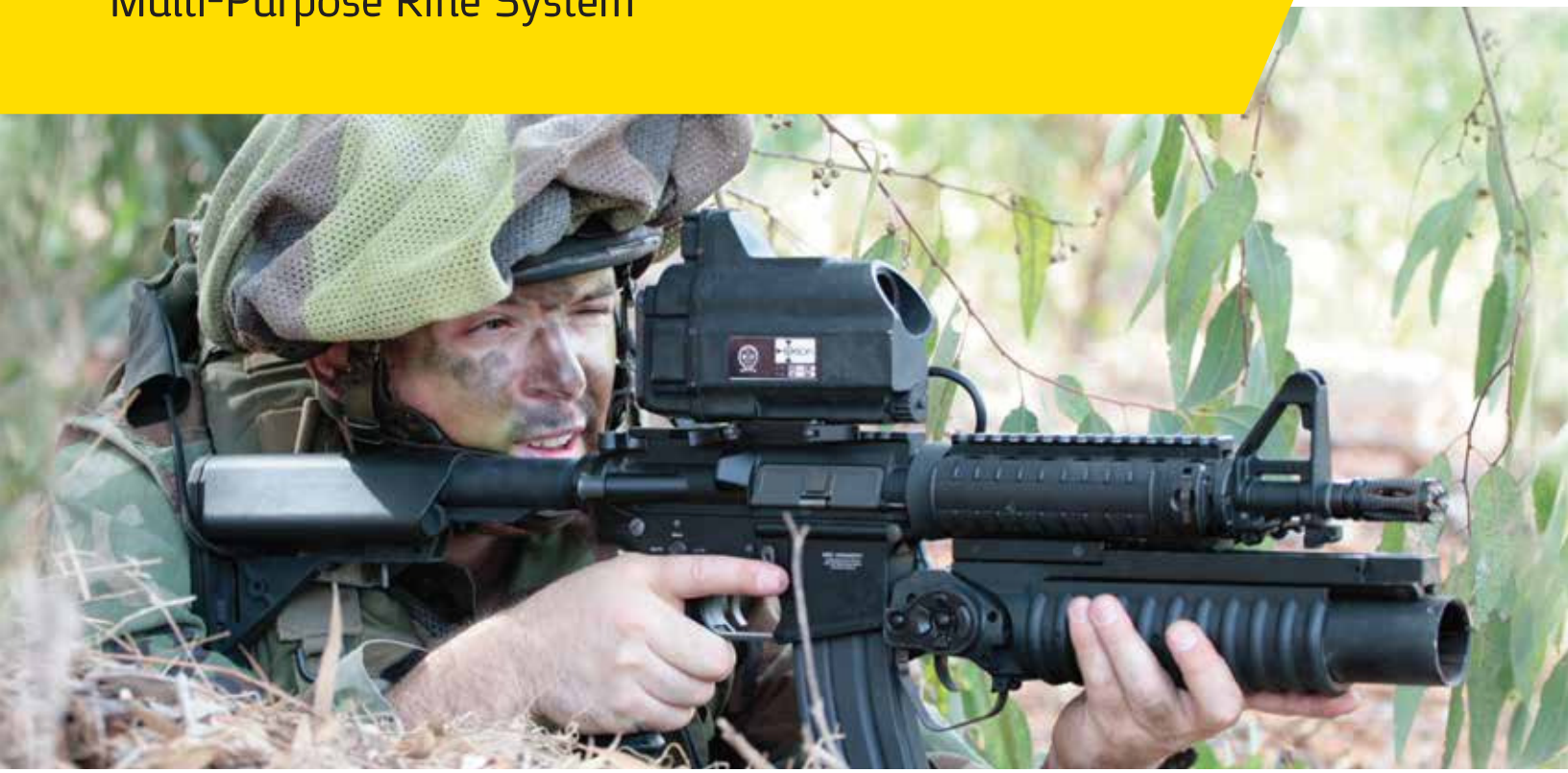
# MPRS

## Multi-Purpose Rifle System



The multi-purpose rifle system (MPRS) is a powerful force multiplier for the infantry soldier. The MPRS enhances weapon precision to improve lethality and incapacitation, providing infantry squads with counter-defilade airburst capability and effective engagement with lightly protected targets and targets inside structures.

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# MPRS

## Multi-Purpose Rifle System

### Enhanced weapon precision

The system features a small and lightweight fire control system with laser range finder, multi-purpose ammunition and human-machine interface (HMI). The MPRS can be upgraded to systems that use low velocity 40mm grenade ammunition.

**Fire Control System (FCS):** The FCS enables day target acquisition, direct view optics and a ballistic computer. The integrated laser range finder (LRF) is eye-safe and invisible, and the optics and LRF are sighted to barrel. The fire control system has a sight for 40mm ammunition.

**Ammunition:** The MPRS is equipped with a highly lethal fragmentation warhead and a built-in self-destruct mechanism. The multi-mode programmable electronic fuze operates in three modes: Air-Burst (AB), Point Detonation (PD) and Point Detonation Delayed (PDD).

**Human Machine Interface (HMI):** The MPRS features simple keypad operation to enable mode selection and fuzing, aim point computation, data interface and swift transition to/from AB to small arms ammunition.

## Key Features

- Small and lightweight FCS with LRF
- Multi-purpose ammunition
- Human machine interface
- Multi-mode electronic fuze

## Key Benefits

- Powerful force multiplier for infantry
- Improved lethality and incapacitation
- Enhanced weapon precision
- Can upgrade on weapon system that uses low velocity 40mm grenade ammunition

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E-mail: land@elbitsystems.com www.elbitsystems.com

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